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0	For receiving Office use only		
0-1	International Application No.		
0-2	International Filing Date		
0-3	Name of receiving Office and "PCT International Application"		
	F DOT/DO/404 BCT Boguest		
0-4	Form PCT/RO/101 PCT Request		
0-4-1	Prepared Using	PCT-SAFE [EASY mode] Version 3.50 (Build 0002.173)	
0-5	Petition		
	The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty		
0-6	Receiving Office (specified by the applicant)	Japan Patent Office (RO/JP)	
0-7	Applicant's or agent's file reference	50308505	
ı	Title of Invention	OPTICAL DISK RESTORATION APPARATUS	
11	Applicant		
II-1	This person is	applicant only	
11-2	Applicant for	all designated States except US	
11-4	Name	ELM Inc.	
11-5	Address	15248-11, Takeda, Kaseda-shi, Kagoshima 897-0002 Japan	
II-6	State of nationality	JP	
II-7	State of residence		
		JP	
II-8	Telephone No.	0993-53-6930	
II-9	Facsimile No.	0993-53-7160	
II-11	Applicant's registration No. with the Office	392000486	
III-1	Applicant and/or inventor		
111-1-1	This person is	applicant and inventor	
III-1 <b>-</b> 2	Applicant for	US only	
111-1-4	Name (LAST, First)	MIYAHARA, Terumasa	
III-1-5	Address	c/o ELM Inc., 15248-11, Takeda, Kaseda- shi, Kagoshima 897-0002	
		Japan	
III-1- <del>6</del>	State of nationality	JP	
III-1-7	State of residence	JP	

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<del>   -2</del>	Applicant and/or inventor			
III-2-1	This person is	applicant and inventor		
111-2-2	Applicant for	US only		
III-2 <b>-</b> 4	Name (LAST, First)	MIYAHARA, Takakazu		
III-2-5	Address	c/o ELM Inc., 15248-11, Takeda, Kaseda- shi, Kagoshima 897-0002 Japan		
III-2-6	State of nationality	JP		
III-2 <b>-</b> 7	State of residence	JP		
IV-1	Agent or common representative; or address for correspondence  The person identified below is hereby/ has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent		
IV-1-1	Name (LAST, First)	KOBAYASI, Ryohei		
IV-1-2	Address	KOBAYASI PATENT & TRADEMARK 7th Floor, Hogenshijokarasuma Building, 37, Motoakuoji-cho Higashinotoindori Shijo Sagaru Shimogyo-ku, Kyoto-shi, Kyoto 600-8091 Japan		
IV-1-3	Telephone No.	075-351-6121		
IV-1-4	Facsimile No.	075-351-6122		
IV-1-5	e-mail	kyopat@kyopat.jp		
IV-1-6	Agent's registration No.	100095670		
V	DESIGNATIONS			
V-1	The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.			
VI-1	Priority Claim	NONE		
VII-1	International Searching Authority Chosen	Japan Patent Office (ISA/JP)		

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VIII	Declarations	Number of declarations	
VIII-1	Declaration as to the identity of the inventor	_	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent		
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)		
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	<del>-</del>	
IX	Check list	number of sheets	electronic file(s) attached
IX-1	Request (including declaration sheets)	5	<b>✓</b>
IX-2	Description	18	
IX-3	Claims	3	-
IX-4	Abstract	1	✓
IX-5	Drawings	12	_
IX-7	TOTAL	39	
	Accompanying Items	paper document(s) attached	electronic file(s) attached
IX-8	Fee calculation sheet	✓	<u>-</u>
IX-17	PCT-SAFE physical media	_	<b>✓</b>
IX-19	Figure of the drawings which should accompany the abstract	5	
IX-20	Language of filing of the international application	Japanese	
X-1	Signature of applicant, agent or common representative		·
X-1-1 X-1-2	Name (LAST, First) Name of signatory	-	
X-1-3	Capacity		

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10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	·
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/JP
10-6	Transmittal of search copy delayed until search fee is paid	

#### FOR INTERNATIONAL BUREAU USE ONLY

11-1	Date of receipt of the record copy by	
	the International Bureau	·
		<u> </u>